

**Notice of Allowability**

Application No.

09/902,536

Applicant(s)

ALBERTSSON ET AL.

Examiner

David M. Fenstermacher

Art Unit

3682

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to RCE of 9/5/06.
2. ☒ The allowed claim(s) is/are 12-31, 34.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☒ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |   |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application                     |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                   |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance  |
|  | 9. <input type="checkbox"/> Other _____   |

***Continued Examination Under 37 CFR 1.114***

1. A request for continued examination under 37 CFR 1.114 was filed in this application after appeal to the Board of Patent Appeals and Interferences, but prior to a decision on the appeal. Since this application is eligible for continued examination under 37 CFR 1.114 and the fee set forth in 37 CFR 1.17(e) has been timely paid, the appeal has been withdrawn pursuant to 37 CFR 1.114 and prosecution in this application has been reopened pursuant to 37 CFR 1.114. Applicant's submission filed on 9/5/06 has been entered.

***Priority***

2. Acknowledgment is made of applicant's claim for foreign priority based on an application filed in Sweden on 7/14/00. It is noted, however, that applicant has not filed a certified copy of the Swedish application as required by 35 U.S.C. 119(b).

**EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Eric Franklin on 12/1/06.

Art Unit: 3682

The application has been amended as follows:

**In the Claims:**

The following change has been made to re-write claim 11 to include the allowable subject matter discussed 12/1/06:

The following claim has been added:

--Claim 34 An industrial robot manipulator, comprising:

a first arm comprising a front arm part and a rear arm part, the front arm part being journaled in the rear arm part such that the front arm part is rotatable about its longitudinal axis relative to the rear arm part;

cabling extending along the front arm part and the rear arm part; and

a supporting device operative to support the cabling, the supporting device comprising;

a supporting arm connected to the rear arm part and rotatably supported about a rotation axis, the supporting arm being rotatable about the rotation axis between a relaxed position and an extended position and applying a spring pulling force to the cabling along a longitudinal direction of the cabling, and

an auxiliary arm connected to an end of the front arm part.—

The following change has been made to cancel claim 11 as it has been re-written as claim 34:

Claim 11 has been canceled.

The following claims have been canceled to delete the method claims:

Claims 32-33 have been canceled.

The following changes have been made to change the dependency to the new independent claim:

Claim 12, line 1, "11" has been changed to -34--.

Claim 13, line 1, "11" has been changed to -34--.

Claim 17, line 1, "11" has been changed to -34--.

Claim 18, line 1, "11" has been changed to -34--.

Claim 19, line 1, "11" has been changed to -34--.

Claim 22, line 1, "11" has been changed to -34--.

Claim 23, line 1, "11" has been changed to -34--.

Claim 25, line 1, "11" has been changed to -34--.

Claim 26, line 1, "11" has been changed to -34--.

Claim 27, line 1, "11" has been changed to -34--.

Claim 28, line 1, "11" has been changed to -34--.

Claim 29, line 1, "11" has been changed to -34--.

Claim 30, line 1, "11" has been changed to -34--.

***Reasons for Allowance***

Art Unit: 3682

2. The following is an examiner's statement of reasons for allowance: None of the prior art of record shows or renders obvious the robot of claim 34, specifically:

a supporting arm connected to the rear arm part and rotatably supported about a rotation axis, the supporting arm being rotatable about the rotation axis between a relaxed position and an extended position and applying a spring pulling force to the cabling along a longitudinal direction of the cabling.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David M. Fenstermacher whose telephone number is 571-272-7102. The examiner can normally be reached on 10:30-7:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard Ridley can be reached on 571-272-6917. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 3682

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



David M. Fenstermacher  
Primary Examiner  
Art Unit 3682